

Past Continuing Education Unit Course Offerings - 1999

Date	1999 Title	CEUs	Location(s)
1/25-28	Water Conservancy Boards	13	Olympia
2/2	San Juan Co Health Seminar		Friday Harbor
	1. Well location	.5	
	Water program goals	.5	
	Pump tests	1.5	
	Well construction	1.5	
	Wells and salt water	.5	
	Question and Answer	.5	
	Group B wells	.75	
	Sanitary surveys	2.5	
	Water availability	.25	
	Alternative water systems	.25	
	Group A systems	.5	
2/10	Skagit Co Well Delegation	2.0	Mt Vernon
2/16	United Pipe-Technical Seminar		Moses Lake
	1. Down hole hammers	1.0	
	Drilling fluids and well seals	1.0	
	Ozone filtration	1.0	
2/16	Evergreen Water System Seminar		Yakima
	1. Basic water law	.75	
	De-chlorination	2.0	
	Where does all the water go?	1.75	
	Hydrofracturing	2.0	

	Lead and Copper in groundwater	.75	
	Pressure reducing valves	.5	
	Pump hydraulics	1.0	
2/18	OGWA-Seminar		Portland, OR
	1. Well rehab	2.0	
	Safety training	1.5	
	Domestic well testing	1.0	
	Vehicle Safety	1.0	
	Submersible pumps	.5	
2/19-20	Pacific NW Groundwater Expo		Jantzen Beach, OR
	1. Continuing ed requirements for Washington	1.0	
	How to read and interpret maps	1.0	
	Washington groundwater update	1.0	
	Ozone and ultraviolet water treatment	1.0	
	Fighting your worst competition, yourself	1.0	
	Groundwater disinfection rule in our ind: arsenic and radon	1.0	
	Troubleshooting submersible pumps	1.0	
	Urban sprawl and our industry	1.0	
	Alternating marketing strategies for your business	1.0	
	Roundtable discussion	1.0	
3/18	Mesh Screens - Steve Fuller	1.0	Plymouth, MN
3/26	Preferred Pump-Technical Seminar		Sauk Rapids, MN
	1. Well Screen Design/Development Seminar	2.0	
	Well Sanitation Seminar	1.0	

	PVC/Polyehelyne Pipe	1.0	
	Pitless Unit Seminar	1.0	
3/8	Idaho Water Resources Conference		CDL, ID
	1. Intrastate transportation requirements	1.0	
	2. Drilling fluids	1.0	
	3. Source water protection	1.0	
3/19	Spokane Co Health		Spokane
	1. Aquifer co-mingling	1.0	
	Well disinfecting	1.0	
	Well siting	1.0	
	Program statistics	1.0	
3/22,23,25	Water Filtration and Treatment Seminar	2.5	Tacoma, Spokane
3/24,25,26	Baroid Mini Mud School/Ecology Regs Seminar	7.0	Olympia, Yakima, Spokane
4/10	UW - Dewatering Seminar		Seattle
	1. Dewatering injection	.5	
	Shoring and dewatering design	.5	
6/1	Clover Park Technical College – Introduction to Soils	66	Lakewood, Wa
6/1	Clover Park Technical College –Environmental Sampling Methods	66	Lakewood, WA
4/14	Familian NW Seminar and Pump Workshop	6.5	Portland, OR
4/17	WSD&GWA-Technical Seminar	1.0	Ellensburg
	1. Drinking water regs	1.0	
	Welding	1.0	
	New pump testing procedures	1.0	
	AGO & DOE Opinion	1.0	

	ater well report	1.0	
	Artesian wells part 1	1.0	
	Artesian wells part 2	1.0	
	Screens	1.0	
9/30	Cascade Drilling Inc-ORC Seminar	2.0	
9/30-10/1	WSD&GWA-Technical Seminar		Pasco
	1. Water resources update	1.0	
	Dual rotary drilling	1.0	
	Pump certification program	.5**	
	Geology and soils	1.0	
	Sand filters and gravel packs	1.0	
	Drilling regs and licensing	1.5	
	Roundtable	1.0	
	Public health issues	.5	
	Drilling around the world	1.0	
	Accident prevention plans	1.0	
	Water source monitoring	1.0	
	**This class will be valued at .25 CEUs after 1999		
10/4-6	Cone Penetration Testing	10.0	Salina, KS
10/6-8	Membrane Interface Probe Training	10.0	Salina, KS
10/5,7,26,28 and 11/16,18	Franklin Electric Course-Well Pumps	3.5	Edmond, Canada Saskatoon, Canada Fargo-ND, Bozeman-MT, Albuquerque-NM, Fresno-CA
12/1-2,7-8	Ecology Sponsored Training		Mt Vernon, Vancouver, Yakima, Spokane

	1. Construction, licensing and CEU regs	1.5	
	AG's opinion on exempt wells	1.0	
	Mapping	1.0	
	Well screening	1.5	
	Soils and formations	2.0	
12/3-6	NGWA-Annual Conference		Nashville, TN
	1. Understanding workers comp insurance	1.0	
	Computers and contractors	1.5	
	Mandatory connection ordinance	.25	
	DOT inspections	1.0	
	Most current info on DOT regs	.5	
	Educational opps in groundwater	.5	
	Fighting your worst competition-yourself	1.0	
	Finding and keeping qualified employees	1.0	
	Fleet mgmt	1.0	
	Geoexchange in the new millenium	1.0	
	Horizontal environmental drilling	2.75	
	Horizontal drilling for contractors	3.5	
	OSHA citations affecting water well drilling	1.0	
	Presidential politics and the groundwater ind	.5	
	Pumps are more than mechanical mysteries	1.5	
	Reading and interpreting geologic and topo maps	3.0	
	Fundamentals of rigging	3.0	
	Ensuring a safe work environment	1.0	
	Succession planning	1.0	
	Using financing to get a competitive edge	1.0	

	Birds-eye view from Washington	.5	
	Keeping ahead of the water pub relations	.25	
	Water well design for consultants	3.5	
	Well technology 2000	1.0	
	Basic well problems	2.25	